

PTO/SB/05 (08-03)

Approved for use through 07/31/2008. OMB 0651-0032

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	115719
First Inventor	Berg-Harald Sjogren
Title	Database constraint enforcement
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 25)
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 4)
5. Oath or Declaration (Total Sheets)
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - c. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional☐ Continuation-in-part (CIP)

of prior application No.:

Prior application information:

Examiner

An Unit:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number:

29078

OR ☐ Correspondence address below

Name

Address

City

Country

State

Zip Code

Telephone

Fax

Registration No. (Attorney/Agent) 43,455

Name (Print/Type) Christian D. Abel

Date 11.25.2003

Signatures

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
450**Complete if Known**

Application Number

Filing Date

First Named Inventor

Examiner Name

Art Unit

Attorney Docket No.

Rene - Harold Sjogren

115719

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

501898

Onsagers AS

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 385

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
12	-20** = 0	X	
Independent Claims	3** = 0	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 16	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	21812 2,520	For filing a request for ex parte reexamination	
1804 920*	21804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	21805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 850	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 840	2503 320	Plant issue fee	
1460 130	2460 130	Petitions to the Commissioner	
1807 50	2807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	2808 180	Submission of Information Disclosure Stmt	
8021 40	28021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	2802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)
65

(Complete if applicable)

SUBMITTED BY

Name (Print/Type)

Signature

Christian D. Olsen

Registration No.
(Attorney/Agent)

43,455

Telephone 475 5210560

Date

25 Nov. 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22813-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
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Your ref. :

Our ref. :115719

Date:25 November 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application serial no.:
Inventor: Bjørn-Harald Sjøgren et al
For: Database constraint enforcer
Group No.:
Examiner:
Attorney docket no.: 115719

Sir:

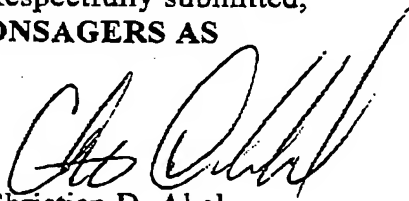
Please find enclosed for filing a utility patent application consisting of:

- Specification of 25 pages
- 4 drawing sheets
- Utility application transmittal form
- Fee transmittal form in duplicate

A declaration will be filed in due course.

Please charge any and all necessary fees during the pendency of this application to deposit account 501898.

Respectfully submitted,
ONSAGERS AS


Christian D. Abel

Reg no. 43,455

Cust. No. 29078

OLAV L. ROBSAHL PH.D.
GEIR SÆTJEDT
KJELL MYHRE PH.D.
JETTE ROBSAHL
HELGE STAVETH
LILIA VÁZQUEZ HOLM
EIRIK RØHMEN PH.D.
TOULA AASTORP
KATE LØHREN
CARL J. BJERKELUND
TOM TYSBO
LARS-FREDRIK URANG
BJØRN ANDERSEN
HARALD FURU
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LISEBETH NILSEN
ANNE JOHNSEN
BRIT ALSTAD
ARNULF CROWO
TURID H. TRONBØL
KARI H. SIMONSEN
ANN-CATHRIN STRANDENÆS
CHRISTIAN D. ABEL
ROLF DIETRICHSON

* ADVOKAT/ADM. I/ ILL. DOK.
MEDLEMMER I / MEMBERSHIP IN:
* NPG, FICPI, AIPPI, IMA, NIF

ONSAGERS AS
UNIVERSITETSGATEN. 7,
P.B. 6965 ST OLAVS PLASS,
0130 OSLO
NORWAY

TLF: (+47) 23 32 77 00
FAX: (+47) 23 32 77 01

ONSAGERS NORD
SØNDRE TOLLBODGT. 3A
9008 TROMSØ
STEIN LIAN
TLF: (+47) 77 67 05 00

ONSAGERS VEST
DREGGSALLMENNINGEN 10-12
P.B. 120 BG - SANDVIKEN
5812 BERGEN
CHRISTIAN D. ABEL
US PATENT ATTORNEY
TLF: (+47) 55 21 05 60
FAX: (+47) 55 21 05 61

ONSAGERS LTD
CHARLES HOUSE
5 REGENT STREET (LOWER)
LONDON SW1Y 4LR
UK
TURID H. TRONBØL
SAM BRIDGES

onsagers@onsagers.no
www.onsagers.no

Q.NR: NO934603729